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Spread spectrum communication system

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Abstract			

In the present spread spectrum communication equipment there are some problems that needing complicated debatching control for variable speed transmission and different speed transmission or increasing the hardware scale and the consum electricity. Low rate data D1-D4 and high rate data D5 and D6 are time division multiplexed independently according to their rates by a time division multiplexer TDMA1 (110) so that their rates are converted into the rate of high rate data D7 and D8 which are not passed through the time division multiplexer TDMA1 (110). Subsequently the entire data are converted into biorthogonal signals by biorthogonal signal generators BORTs (121, 122, 125a, and 125b) and code division multiplexed by a code division multiplexer CDMA (130). The code division multiplexed signal undergoes modulation by a spreading modulator and a carrier modulator, and transmitted.

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